

Remarks

Claims 1-8 and 21-32 are pending in the present application. The Examiner has rejected Claims 1-8, 21-27 and 29-32 under 35 U.S.C. 102(e), and has objected to claim 8. Applicant hereby traverses the Examiner's rejections.

Applicant has submitted replacement drawings, and has amended the specification and claims to correct noted informalities.

Claim Rejections-35 U.S.C. Section 112

Applicant has amended claim 8 such that claim 8 now depends from claim 2. Applicant asserts that claim 8, as amended, now meets the requirements of 35 U.S.C. Section 112.

Claim Rejections-35 U.S.C. Section 102(b)

Claims 1-7, 21-27, and 29-32 stand rejected under 35 U.S.C. 102(e) as being anticipated by Lee et al. Claims 1-5, 21-24, 26-27, 29-32 stand rejected under 35 U.S.C. 102(e) as being anticipated by Ano. Applicant respectfully asserts that Claims 1-7, 21-27, and 29-32 are not anticipated under 35 U.S.C. 102(e) by either the Lee et al. reference or the Ano reference.

The Lee reference discloses an adhesive layer that extends over the first chip and portions of the wires. The adhesive does not "completely cover said plurality of

wire bonds” as is specifically recited in independent claims 1 and 21, as amended, of the present application. Therefore, Applicant respectfully asserts that independent claims 1 and 21, as amended, are not anticipated under 35 U.S.C. 102(e) by the Lee et al. reference. Accordingly, Applicant asserts that claims 1 and 21, as amended, are allowable. Claims 2-7 depend from claim 1 and claims 22-27 depend from claim 21. Applicant asserts that dependent claims 2-7 are allowable for at least the same reasons as claim 1, and that dependent claims 22-27 are allowable for at least the same reasons as claim 21.

As previously discussed, the adhesive in the Lee et al. reference extends over a portion of the wires. The adhesive does not “completely cover said first set of wire bonds” as is specifically recited in independent claim 29, as amended, of the present application. Therefore, Applicant respectfully asserts that independent claim 29, as amended, is not anticipated under 35 U.S.C. 102(e) by the Lee et al. reference. Accordingly, Applicant asserts that claim 29, as amended, is allowable. Claims 30-32 depend from claim 29. Applicant asserts that dependent claims 30-32 are allowable for at least the same reasons as claim 29.

The Ano reference discloses die attach material that extends over the first chip and portions of the bond wires. The die attach material of the Ano reference does not “completely cover said plurality of wire bonds” as is specifically recited in independent claims 1 and 21, as amended, of the present application. Therefore, Applicant

respectfully asserts that independent claims 1 and 21 are not anticipated under 35 U.S.C. 102(e) by the Ano reference. Accordingly, Applicant asserts that claims 1 and 21 are allowable. Claims 2-5 depend from claim 1 and claims 22-24 and 26-27 depend from claim 21. Applicant asserts that dependent claims 2-5 are allowable for at least the same reasons as claim 1, and that dependent claims 22-24 and 26-27 are allowable for at least the same reasons as claim 21.

As previously discussed, the die attach material in the Ano reference only extends over a portion of the bond wires. The die attach material of the Ano reference does not "completely cover said first set of wire bonds" as is specifically recited in independent claim 29, as amended, of the present application. Therefore, Applicant respectfully asserts that independent claim 29 is not anticipated under 35 U.S.C. 102(e) by the Ano reference. Accordingly, Applicant asserts that claim 29 is allowable. Claims 30-32 depend from claim 29. Applicant asserts that dependent claims 30-32 are allowable for at least the same reasons as claim 29.

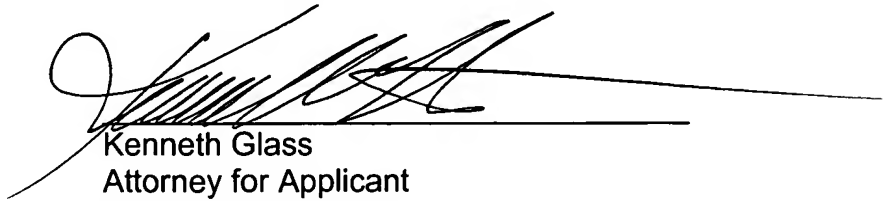
Applicant asserts that claims 1-8 and 21-32, as amended, are now in condition for allowance and such action is earnestly solicited.

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Reply to Office Action of March 8, 2004

Applicant has made a diligent effort to place the claims in condition for allowance. However, should there remain unresolved issues that require adverse action, it is respectfully requested that the Examiner telephone Kenneth Glass, Applicant's Attorney at (408) 354-4448 so that such issues may be resolved as expeditiously as possible.

Respectfully Submitted,

6/28/04
Date


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Attachments

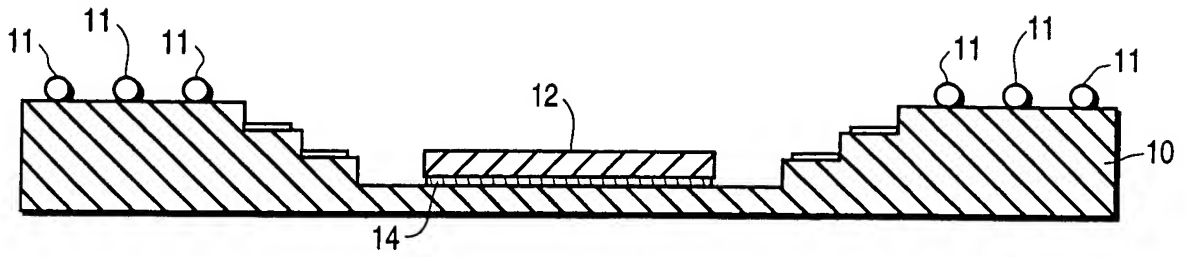
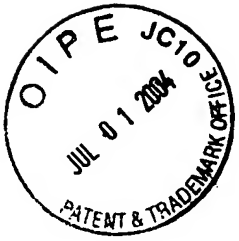


FIG. 2

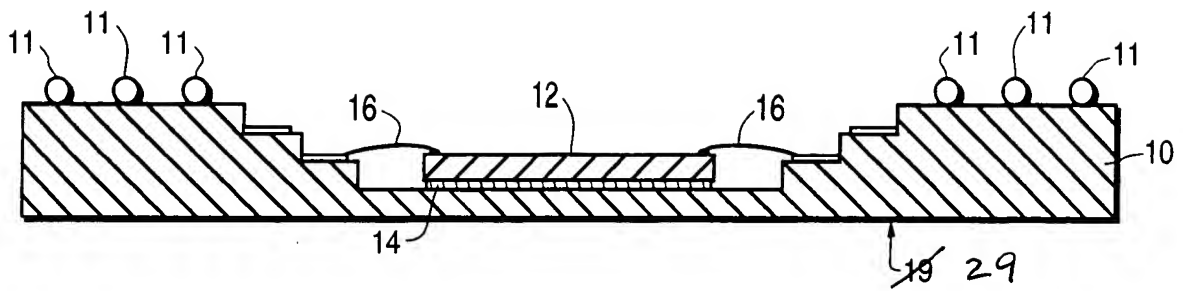
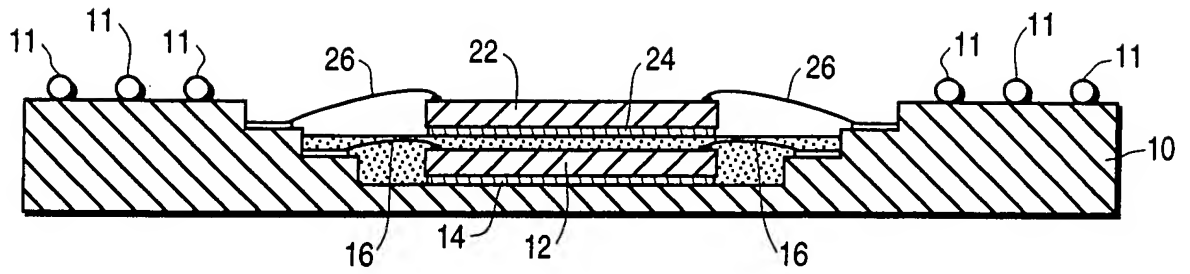
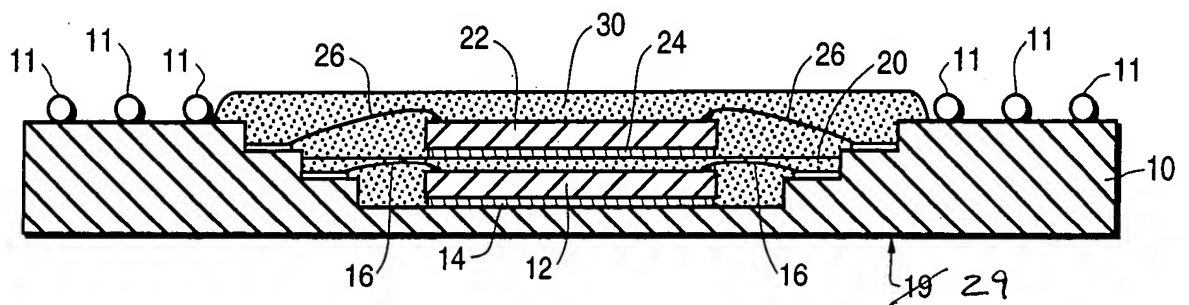


FIG. 4

**FIG. 8****FIG. 10**